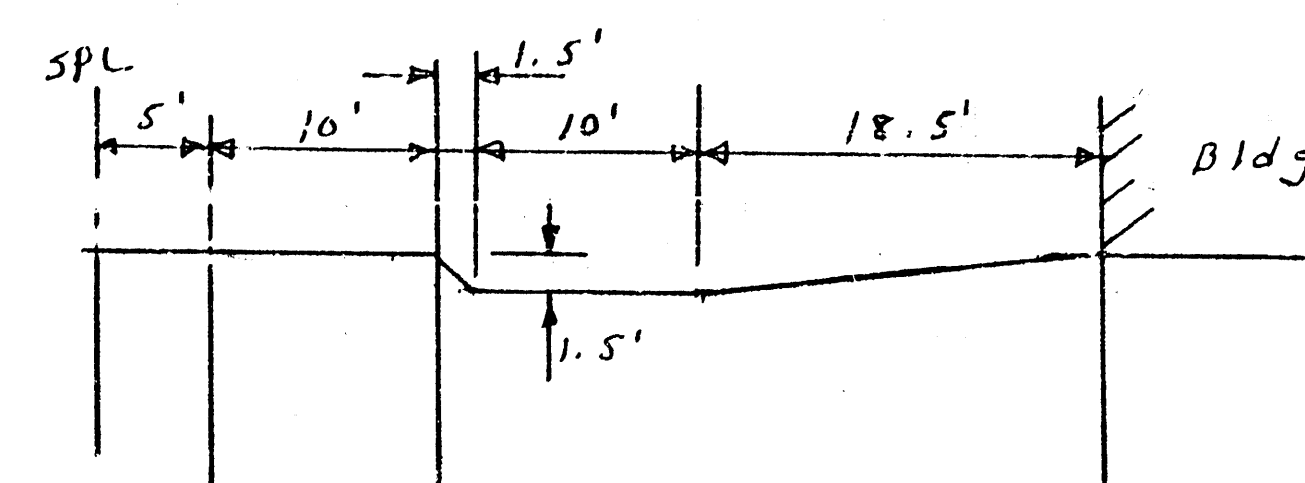


Pearson Farms 3rd

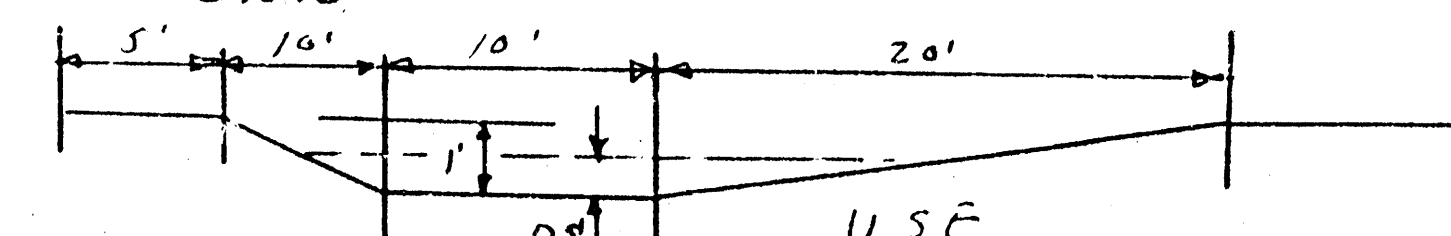


$$\text{Total } Q_{100} = 5.5 + 9.7 + 7.6 = 22.8 \text{ c+s}$$

$$A = 30.5F \quad r = \frac{30}{30.68} = 0.978 \quad r^{2/3} = 0.985$$

$$S = 0.009 \quad s^{1/2} = 0.0548$$

$$Q = \frac{1.99}{0.045} \times 30 \times 0.985 \times 0.0548 = 161 \text{ Cfs}$$

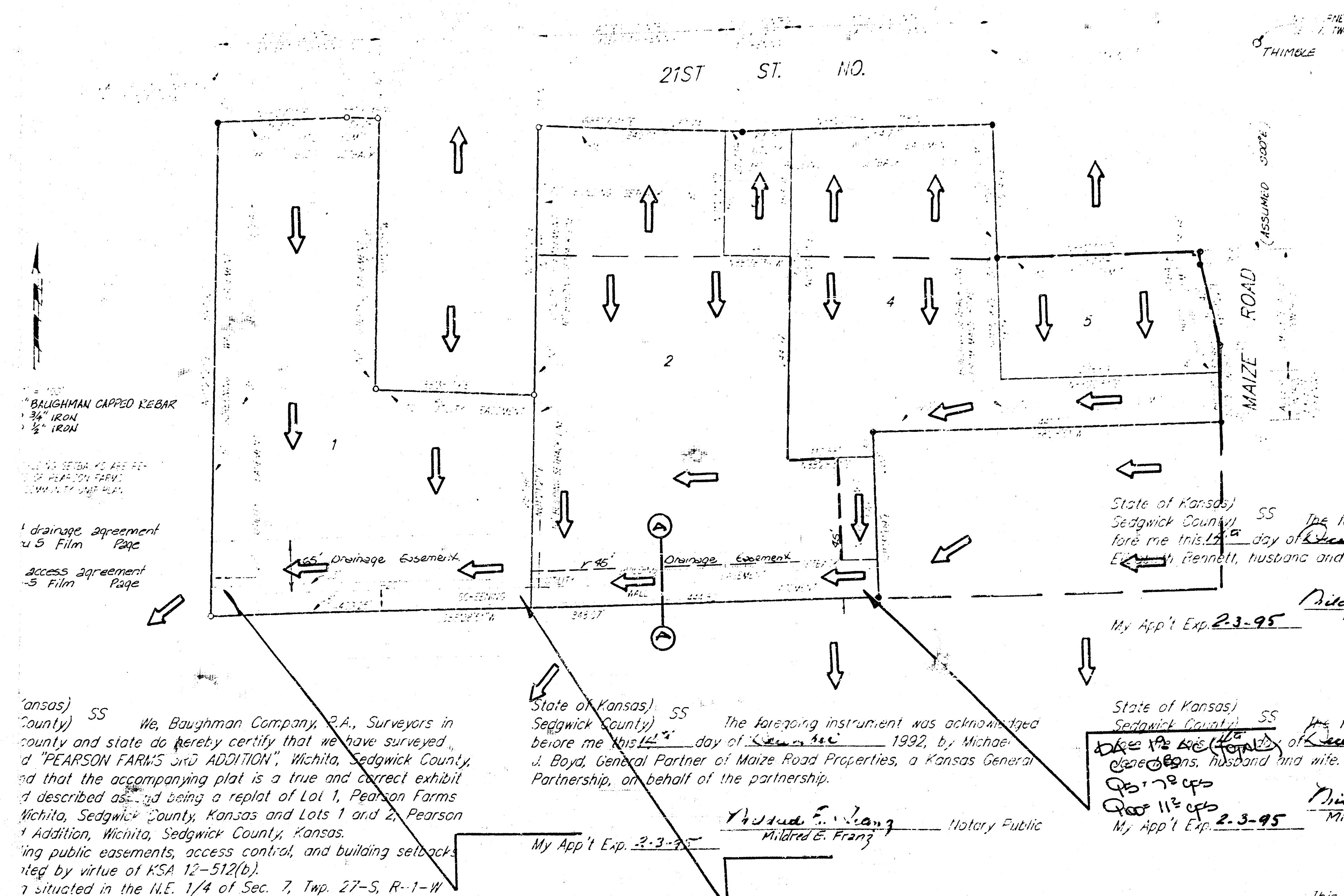


$$A = 25' \quad r = \frac{25}{40.87} = \frac{0.52}{0.624} \quad 1/3 = 0.736$$

$$\psi = \frac{1.49}{0.015} \times 25 \times 0.624 \times 0.0598 = 85 \text{ cfs}$$

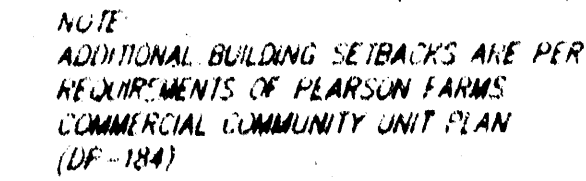
$$D = 4.51 \quad r = \frac{8.75}{25.04} \quad r^{2/3} = 0.496 \quad A = 8.75$$

$$\rho = \frac{1.49}{0.015} \times 8.75 \times 0.496 \times 0.0548 = 23.6 \text{ cfs}$$



DRAINAGE PLAN

WICHITA, SEDGWICK COUNTY, KANSAS



Baughman Company, P.A.

Know all men by these presents that we, the undersigned, have caused the land described in the surveyors certificate to be platted into lots to be known as "PEARSON FARMS 3RD ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The drainage easement is hereby granted as indicated for drainage purposes. The screening wall easement is hereby granted as indicated for screening purposes. Access canals as depicted on the face of the plat are granted to the City of Wichita, Kansas. The permitted entrance locations shall be as determined by the City Engineer of the City of Wichita, Kansas. Additional building setback lines are to be observed as established on the Pearson Farms Commercial Community Unit Plan (DP-184) on file with the Wichita-Sedgwick County Metropolitan Area Planning Department.

Maize Road Properties, a Kansas General Partnership

General Partner

N-K Investments, a partnership

Clark Nelson Partner

Rogers Enterprises, Inc.

Keith Anderson President

We, the undersigned, holders of a mortgage on a portion of the above described property do hereby consent to this plat of "PEARSON FARMS 3RD ADDITION", Wichita, Sedgwick County, Kansas.

David L. Murfin

Robert Bennett Elizabeth Bennett

Jarold Means *Jane Means*

State of Kansas) SS The foregoing instrument acknowledged be-
Sedgwick County) fore me this _____ day of _____ 1992, by David L. Murtin.

My App't Exp. _____ Notary Public

Ed Resa Deputy